

IN THE CLAIMS:

Please amend claims 6, 8 and 9 as follows:

1-5. (Cancelled).

6. (Currently Amended) A recombinant polypeptide comprising:

a first sequence of amino acids, ~~wherein the first sequence has an identity of greater than 70% with the following:~~

Ser Thr Asp Lys Leu Lys Leu Asn Gln Gln Asn Lys Pro His Ile Ala Asn Asn Lys
Gln Lys Thr Thr Leu Glu Lys Thr Gln Thr Glu Gln Lys Thr Ala [SEQ. ID NO. 51];

a plurality of second sequences of amino acids, ~~where each of the second sequences independently has an identity of greater than 70% with the following:~~

Pro Phe Gly Gln Ala Ala Ala Gly Asp Lys Pro Ser [SEQ. ID NO. 52];

a third sequence of amino acids, wherein the third sequence is ~~has an identity of greater than 70% with the following:~~

Gly Thr Ala Phe Asp Ala Ser Arg Ser Thr Val Phe Ala Asn Ala Pro Gly Val Ala
Gln Val; [SEQ. ID NO. 52] and

a plurality of fourth sequences of amino acids, wherein each of the fourth sequences is ~~independently has an identity of greater than 70% with the following:~~

Met Glu Gln Glu Arg Arg Gln Leu Leu Glu Lys Asp Pro Arg Arg Asn Ala Lys
Glu Ile Ala Ala Leu Glu Glu Ser Met Asn Ala Arg Ala Gln Glu Leu Ala Arg Glu
Lys Lys Leu Ala Asp Arg Ala Phe Leu Asp Gln Lys Pro Glu Gly Val Pro Leu Arg
Glu Leu Pro Leu Asp Asp Asp Ser Asp Phe Val Ala. [SEQ. ID NO. 54].

7. (Previously Presented) A kit comprising:
a first recombinant polypeptide wherein the first recombinant polypeptide is the recombinant polypeptide of claim 6, and
a second recombinant polypeptide.

8. (Currently Amended) The kit of claim 7, wherein the second polypeptide comprises a sequence corresponding to ~~being at least 70% identical to a corresponding sequence~~ of one selected from the group consisting of Ag15 [SEQ ID NO 2], FP3 [SEQ ID NO. 50], FP4 [SEQ ID NO. 36], FP5 [SEQ ID NO. 38], FP7 [SEQ ID NO. 40], FP8 [SEQ ID NO. 44], FP9 [SEQ ID NO. 46] and FP10 [SEQ ID NO. 48], wherein the first recombinant polypeptide is different from the second recombinant polypeptide.

9. (Currently Amended) The kit of claim 7, wherein the second recombinant polypeptide comprises a sequence ~~having an identity of greater than 70% with a corresponding to amino acid segment of FP4.~~

10. (Previously Presented) The kit of claim 7, further comprising a third recombinant polypeptide being ~~at least 70% identical to~~ one selected from the group consisting of Ag15, FP3, FP4, FP5, FP6, FP7, FP8, FP9 and FP10, wherein the first recombinant polypeptide, the second recombinant polypeptide and the third recombinant polypeptide are different.

11. (Previously Presented) The kit of claim 10, wherein the second recombinant polypeptide corresponds to FP4 and the third polypeptide corresponds to FP10.

12-17. (Cancelled)

18. (Currently Amended) The kit of claim 10, wherein the third polypeptide comprises a sequence of at least 17 amino acids, which sequence is at least 70% identical to FP3.

19. (Currently Amended) The kit of claim 7, wherein the second polypeptide comprises a sequence of at least 17 amino acids, which sequence is at least 70% identical to FP3.

20. (Previously Presented) The kit of claim 19, further comprising a third polypeptide, wherein the third polypeptide is FP10.

21. (Previously Presented) A recombinant polypeptide comprising, in sequence:
a first sequence of amino acids, ~~wherein the first sequence has an identity of greater than 70% with the following:~~

Met Ala Gln Leu Gln Gln Ala Glu Asn Asn Ile Thr Asn Ser Lys Lys Glu Met Thr
Lys Leu Arg Glu Lys Val Lys Lys Ala Glu Lys Glu Lys Leu Asp Ala Ile Asn Arg
Ala Thr Lys Leu Glu Glu Glu Arg Asn Gln Ala Tyr Lys Ala Ala His Lys Ala Glu
Glu Glu Lys Ala Lys Thr Phe Gln Arg Leu Ile Thr Phe Glu Ser Glu Asn Ile Asn
Leu Lys Lys Arg Pro Asn Asp Ala Val [SEQ. ID NO. 55].

a plurality of second sequences of amino acids, wherein each of the second sequences independently ~~is has an identity of greater than 70% with the following:~~

Gln Arg Ala Ala Glu Ala Ala Lys Ala Val Glu Thr Glu Lys [SEQ. ID NO. 56];
and

a third sequence of amino acids, ~~wherein the third sequence has an identity of greater than 70% with the following:~~

Asp Ile Asp Pro Met Gly Ala Cys Gly Ser Lys Asp Ser Thr Ser Asp Lys
Gly Leu Ala Ser Asp Lys Asp Gly Lys Asn Ala Lys Asp Arg Lys Glu Ala
Trp Glu Arg Ile Arg Gln Ala Ile Pro Arg Glu Lys Thr Ala Glu Ala Lys Gln
Arg Arg Ile Glu Leu Phe Lys Lys Phe Asp Lys Asn Glu Thr Gly Lys Leu
Cys Tyr Asp Glu Val His Ser Gly Cys Leu Glu Val Leu Lys Leu Asp Glu

Phe Thr Pro Arg Val Arg Asp Ile Thr Lys Arg Ala Phe Asp Lys Ala Arg
Ala Leu Gly Ser Lys Leu Glu Asn Lys Gly Ser Glu Asp Phe Val Glu Phe
Leu Glu Phe Arg Leu Met Leu Cys Tyr Ile Tyr Asp Phe Phe Glu Leu Thr
Val Met Phe Asp Glu Ile Asp Ala Ser Gly Asn Met Leu Val Asp GluGlu
Glu Phe Lys Arg Ala Val Pro Lys Leu Glu Ala Trp Gly Ala Lys Val Glu
Asp Pro Ala Ala Leu Phe Lys Glu Leu Asp Lys Asn Gly Thr Gly Ser Val
Thr Phe Asp Glu Phe Ala Ala Trp Ala Ser Ala Val Lys Leu Asp Ala Asp
Gly Asp Pro Asp Asn Val Pro Asp Ile [SEQ. ID NO. 57].

22. (Previously Presented) A kit comprising:
a first recombinant polypeptide wherein the first recombinant polypeptide is the
recombinant polypeptide of claim 21, and
a second recombinant polypeptide.

23. (Previously Presented) The kit of claim 22, wherein the second polypeptide
comprises ~~a sequence being at least 70% identical to a corresponding sequence of~~ one selected
from the group consisting of Ag15 [SEQ ID NO 2], FP4 [SEQ ID NO. 36], FP5 [SEQ ID NO.
38], FP6 [SEQ ID NO. 42], FP7 [SEQ ID NO. 40], FP8 [SEQ ID NO. 44], FP9 [SEQ ID NO. 46]
and FP10 [SEQ ID NO. 48].

24. (Previously Presented) The kit of claim 22, wherein the second recombinant
polypeptide is FP4.

25. (Previously Presented) The kit of claim 22, further comprising a third
recombinant polypeptide selected from the group consisting of Ag15, FP4, FP5, FP6, FP7 FP8,
FP9 and FP10, wherein the first recombinant polypeptide, the second recombinant polypeptide
and the third recombinant polypeptide are different.

26. (Previously Presented) The kit of claim 25, wherein the second recombinant polypeptide corresponds to FP4 and the third polypeptide corresponds to FP10.
27. (Previously Presented) The kit of claim 25, wherein the third polypeptide is FP6.